



STATE OF IOWA
MASTER AGREEMENT
 Contract Declaration and Execution

EFFECTIVE BEGIN DATE: 12-04-2008
 EXPIRATION DATE: 12-03-2009
 PAGE: 1 of 3

VENDOR:

Pemberton Fabricators
Seraphin Division
30 Indel Ave
Rancocas, NJ 08073
USA

VENDOR CONTACT:

Jack Nowicki
 PHONE: 609-267-0922 EXT:
 EMAIL: sales@seraphinusa.com

ISSUER:

JEANETTE CHUPP
 PHONE: 515-281-6288
 EMAIL: Jeanette.Chupp@iowa.gov

FOB FOB Ship Pt, Freight Prepaid

Contract For: Lab Test Measure Supplies

The parties agree to comply with the terms and conditions on the following attachments which are by this reference made a part of the agreement. Attachment 1: General Terms and Conditions for goods contracts posted at http://das.gse.iowa.gov/terms_goods.pdf. Attachment 2: Contractor's General Sales Terms and Conditions included in the Government Price List, on file with the Department of Administrative Services, General Services Enterprise.

Provision of Seraphin Hand-Held Test Measures Series E.; Provers Series J., K., and M; and Lab Measures Series H., C., F., and G. at "Government Pricing", or as specially quoted on large items to provide NVLAP Accredited and N.I.S.T. compliant measuring products standardized throughout the "Weights and Measures and Metrology" Laboratory System.

Contact and General Manager: Jack Nowicki at Phone 609-267-0922 or jnowicki@seraphinusa.com

Web-Site: www.seraphinusa.com

Primary State Agency: Dept. of Agriculture, Bureau Chief Ivan Hankins at E-Mail: Ivan.Hankins@iowaagriculture.gov or Phone 515-725-1493

Minimum Order: \$125.00

FOB: Ship Point - Prepay and Add

Payment Terms: Net 30 days

Pricing: Per the current Government Price List or per individual quote such as Quote 208802

RENEWAL OPTIONS

FROM 12-04-2009 TO 12-03-2010

FROM 12-04-2010 TO 12-03-2011

FROM 12-04-2011 TO 12-03-2012

AUTHORIZED DEPARTMENT

ALL

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

CONTRACTOR		STATE OF IOWA	
CONTRACTOR'S NAME (If other than an individual, state whether a corp., partnership, etc.) <i>Pemberton Fabricators Inc, Seraphin Div</i>		AGENCY NAME <i>Iowa Dept of Administrative Services</i>	
BY (Authorized Signature) <i>Jack Nowicki</i>	Date Signed <i>December 4, 2008</i>	BY (Authorized Signature) <i>Jeanette Chupp</i>	Date Signed <i>Dec. 4, 2008</i>
Printed Name and Title of Person Signing <i>Jack Nowicki General Mgr, Seraphin Div</i>		Printed Name and Title of Person Signing <i>Jeanette Chupp</i>	
Address <i>30 Indel Ave Rancocas, NJ 08073</i>		Address <i>1305 East Walnut, Des Moines, Iowa</i>	

MA# 005 3550-09



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LINE NO.	QUANTITY / SERVICE DATES	UNIT	COMMODITY / DESCRIPTION	UNIT COST / PRICE OF SERVICE
1	0.00000	490		\$0.000000
				\$0.000000
			LABORATORY EQUIPMENT, ACCESSORIES AND SUPPLIES: GENERAL ANAL	
			Test Measures - Stainless Steel	
			Test Measures are available per the attached August 1, 2008, Government Price List. The Price List is subject to change.	
2	0.00000	49090		\$0.000000
				\$0.000000
			Testing Instruments (Not Otherwise Classified)	
			Made-to-Order Equipment	
			Measurement equipment may be made-to-order with pricing quoted which reflects current stainless steel pricing. For Quotes contact Jack Nowicki at sales@seraphinusa.com	



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TERMS AND CONDITIONS

Terms & Conditions Goods

The parties agree to comply with the terms and conditions on the following web site which are by this reference made a part of the Agreement.

General Terms and Conditions for goods contracts are posted at: http://das.gse.iowa.gov/terms_goods.pdf

SERAPHIN® TEST MEASURE

30 Indel Avenue, PO Box 227, Rancocas, NJ 08073 e-mail: sales@seraphinusa.com
1-609-267-0922 Fax: 1-609-261-2546 Web Site: www.seraphinusa.com

August 1, 2008
Re: Price Increase

Dear Weights & Measures Professional,

Effective August 1, 2008 Pemberton Fabricators Inc. , Seraphin® Division will be implementing a price increase on all stainless steel provers, test measures and accessories.

The pricing structure shows a suggested List price and a Distributor price. All government orders under this amount will be charged from the W& M price columns. Our List Price minimum order has increased to \$125.

Seraphin® is committed to a better and more economical product offering, through consolidating our efforts and negotiating better sources we will continue to give you better products and an economical price. Again, we appreciate your support and patronage and hope business relationship will continue to grow strong.

If you have any questions or outstanding quote, we urge you to contact us at 609-267-0922 and we will be happy to assist you.

Thank you and we look forward to continuing to serve you in the future

Sincerely,

Jack Nowicki

Jack Nowicki
General Manager
Seraphin® Test Measure
www.seraphinusa.com

A DIVISION OF PEMBERTON FABRICATORS, INC.

Jack Nowicki – General Manager

www.seraphinusa.com

8/1/2008

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SERAPHIN® TEST MEASURE

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SERAPHIN GOVERNMENT PRICING				
PRICE LIST EFFECTIVE AUGUST 1, 2008			Minimum Order \$125	
		Part Number	List Price	Government
Series E	TEST MEASURES			
Series E	<i>Stainless Steel - Weights & Measures Approved</i>			
English				
1G	1 Gallon Stainless Steel Test Measure	EESS0001GM	\$799	\$719
5G	5 Gallon Stainless Steel Test Measure	EESS0005GB	\$720	\$576
Metric	EESS0005GB Packed in a Metal Carrying Case	E35+5MC	\$825	\$660
5L	5 Liter Stainless Steel Test Measure	EESS0005LM	\$799	\$719
10L	10 Liter Stainless Steel Test Measure	EESS0010LM	\$870	\$783
20L	20 Liter Stainless Steel Test Measure	EESS0020LB	\$720	\$576
	EESS0020LB Packed in a Metal Carrying Case	E320+5MC	\$825	\$660
	ACCESSORIES:			
CART	Dual Test Measure Cart	E300117PT	\$351	\$316
CASES	Model 5MC, Metal Carrying Case - Painted Red	E810009	\$154	\$123
FUNNEL	Model 3, SS Funnel with Copper Spark Resistant Spout	E810030	\$120	\$96
	Extra Tall Galvanized Funnel with Copper Spout	E300483	\$150	\$120
Repair	Repair Kit for EESS005GB/ EESS0020LB 8.5" tube	E80500	\$125	\$106
	Repair Kit for FS-282-5D/FS-282-20L 8" tube	E80083	\$125	\$106
KITS	Repair Kit for EESS005G/ EESS0020L 7.25" tube	E80181	\$125	\$106
	Repair Kit for EESS005GA/ FS-282-5D2 6.875" tube	E80182	\$125	\$106
Parts	Gauge Glass Kit (Set of 5) for EESS0005G 7.25" tube	E80278	\$160	\$136
	Gauge Glass Kit (Set of 5) for Series E2/FS 5D2 6.875" tube	E80279	\$160	\$136
	Gauge Glass Kit (Set of 5) for FS-282-5D 8" tube	E80280	\$160	\$136
	Gauge Glass Kit (Set of 5) for E3 8.5" tube	E80501	\$160	\$136
	Grip, Rubber for Test Measure Handle	E80135	\$6	\$5
	Yellow Plastic Cap 5/set 4"	E300800	\$14	\$12
	Red Plastic Cap 5/set 3"	E300900	\$14	\$12
	Menicus Reader 7 X 3 inches	E300400	\$45	\$38
	Menicus Reader 5 X 4 inches	E300401	\$65	\$55
Menicus Reader				

A DIVISION OF PEMBERTON FABRICATORS, INC.

Jack Nowicki – General Manager

www.seraphinusa.com

8/1/2008

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SERAPHIN® TEST MEASURE

30 Indel Avenue, PO Box 227, Rancocas, NJ 08073 e-mail: sales@seraphinusa.com
1-609-267-0922 Fax: 1-609-261-2546 Web Site: www.seraphinusa.com

General Sales Terms: Pricing Valid for 30 days ; F.O.B.-- Rancocas, NJ - Shipping Additional; US Dollars, Net 30 days

Delivery: to be confirmed upon receipt of order

Price and Delivery have been quoted based upon the application of our attached terms and conditions only

PEMBERTON FABRICATORS, INC. INCLUDING THE DIVISIONS OF AMERIND AND SERAPHIN® TEST MEASURE

STANDARD CONDITIONS

TERMS AND CONDITIONS:

The following Terms and Conditions apply to transactions conducted between Purchaser and Pemberton Fabricators, Inc. unless Pemberton Fabricators, Inc. agrees in writing to any modification. By proceeding with the transaction, Purchaser accepts these Terms and Conditions.

TERMS:

Net 30 days. A "late payment" charge of 2% per month will be made on all monies due more than 30 days after invoicing. Invoice will be submitted when the equipment is shipped. Attention to these terms will eliminate delays in starting up the equipment. NOTE: Terms pending credit approval.

TAXES:

The quoted prices do not include state or local sales, duties, use, excise or similar taxes. To avoid any inconvenience, please supply us with one of the following documents:

1. A tax exemption certificate from your state or
2. A statement on your order or letterhead that your firm will pay the appropriate state use tax in accordance with the current tax laws of your state.

Unless we are provided with one of these documents, any such taxes imposed upon Pemberton Fabricators, Inc. will be added to our invoice by a separate item.

WARRANTY:

Pemberton Fabricators, Inc. fully warrants that the product supplied shall conform to the description in the quotation and agrees to repair or replace F.O.B. shipping points, any parts excepting expendable items such as filters and lights that fail due to defects in material or workmanship within one year of use or 18 months after shipment, whichever occurs first. Other than those expressly stated herein, THERE ARE NO OTHER WARRANTIES OF ANY KIND, EXPRESSED OR IMPLIED, AND SPECIFICALLY EXCLUDED BUT NOT BY WAY OF LIMITATION, ARE THE IMPLIED WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE AND MERCHANTABILITY.

IT IS UNDERSTOOD AND AGREED THAT PEMBERTON FABRICATORS, INC.'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY, IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE COST OF REPAIR OR REPLACEMENT, F.O.B. SHIPPING POINTS, OF DEFECTIVE PARTS. UNDER NO CIRCUMSTANCES SHALL PEMBERTON FABRICATORS, INC. BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. THE PRICE STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING PEMBERTON FABRICATORS, INC.'S LIABILITY. NO ACTION, REGARDLESS OF FORM, ARISING OUT OF THE TRANSACTIONS OF THIS AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS ACCRUED.

THE WARRANTY FOR THE EQUIPMENT PROPOSED IN THIS QUOTATION IS AS STATED IN THE ABOVE PARAGRAPHS. IT IS NOT RE-STATED--NOR DOES IT APPEAR IN ANY OTHER FORM.

PATENT INDEMNITY:

In the event of a claim against the Purchaser which charges that the equipment purchased from Pemberton Fabricators, Inc. infringes a U.S. patent subsisting when the equipment was shipped, Pemberton Fabricators, Inc. shall, at its sole option, procure for the Purchaser the right to use the equipment; or replace the equipment with non-infringing equipment; or modify the equipment to be non-infringing; or remove the equipment and refund the purchase price, less depreciation, at the rate of fifteen percent (15%) per year; or defend, at its own expense, all suits instituted against the Purchaser insofar as same are based upon any claim that the Purchaser's operation of the equipment, or any part thereof, is an infringement of a U.S. patent under the proviso that: (a) Pemberton Fabricators, Inc. be notified, in writing, by Purchaser promptly upon assertion of claim; (b) Pemberton Fabricators, Inc. is given authority by Purchaser to assume full and exclusive control of the defense and settlement of the claim or suit; and (c) Purchaser provides all information and assistance to Pemberton Fabricators, Inc. at Purchaser's expense, as is reasonably necessary for the defense of the claim or suit. Pemberton Fabricators, Inc. may, at its option, intervene in any suit or action brought against the Purchaser on such claim.

THE FOREGOING STATES PEMBERTON FABRICATORS, INC.'S ENTIRE LIABILITY FOR CLAIMS OR PATENT INFRINGEMENT. Pemberton Fabricators, Inc. shall have no liability whatsoever if the claim of infringement arises out of Pemberton Fabricators Inc.'s compliance with Purchaser's specifications. Pemberton Fabricators, Inc. shall have no liability whatsoever if a claim of infringement is based upon the Purchaser's use of the equipment as part of a patented combination where the other elements of the combination are not supplied by Pemberton Fabricators, Inc., or in the practice of a patented process.

SECURITY INTEREST:

Pemberton Fabricators, Inc. will retain a security interest in the equipment described on this document until the full purchase price and any charges enumerated on the invoice are paid. If the equipment was leased from Pemberton Fabricators, Inc. immediately prior to purchase, Pemberton Fabricators, Inc. retains a security interest in the equipment until the purchase option price and the monthly lease charges payable under the lease agreement have been paid. The customer's failure to pay any amounts when due will give Pemberton Fabricators, Inc. the right to possession and removal of the equipment at any time upon giving at least 10 days prior written notice. Pemberton Fabricators Inc.'s taking of such possession will be without prejudice to any other remedies Pemberton Fabricators, Inc. may have. The title to the equipment will pass to the customer upon shipment from Pemberton Fabricators, Inc. except that title to leased equipment which is installed and being purchased under any schedule enumerated in a lease will pass to the customer upon Pemberton Fabricators, Inc.'s receipt of full payment of the purchase option price, all lease charges payable under the lease agreement and any other amounts enumerated in the lease or purchase order. At the request of Pemberton Fabricators, Inc., the customer will join with Pemberton Fabricators, Inc. in executing one or more financing statements or other documents reasonably required by Pemberton Fabricators, Inc. to protect the Pemberton Fabricators, Inc.'s security interest in a form satisfactory to Pemberton Fabricators, Inc.

A DIVISION OF PEMBERTON FABRICATORS, INC.

Jack Nowicki – General Manager

www.seraphinusa.com

8/1/2008

Terms – Page 3 of 4, P1003 (04/09/04)

SERAPHIN® TEST MEASURE

30 Indel Avenue, PO Box 227, Rancocas, NJ 08073 e-mail: sales@seraphinusa.com
1-609-267-0922 Fax: 1-609-261-2546 Web Site: www.seraphinusa.com

INSURANCE:

Buyer represents that they have a program of insurance which adequately protects their interest, and that of their employees and agents, including damage to plant, property and equipment, personal injury of any kind, directly or indirectly related in any way to the equipment, service, repair or parts by Seller. Accordingly, Buyer waives any claim against Seller for the foregoing, and on behalf of its Insurance Company, any right of subrogation in connection therewith.

LAW:

This Agreement shall be governed by the internal laws of the State of New Jersey, USA, and any claims arising hereunder shall be prosecuted in the United States District Court having jurisdiction of causes of action arising in the District in which Pemberton Fabricators, Inc. is located.

ADDITIONAL TERMS AND CONDITIONS (DOCUMENT #P1003A) UPDATED 04/09/04

The Buyer represents and warrants to the seller that to Buyer's actual or constructive knowledge:

(1) neither Buyer (including its directors and officers), nor any of its affiliates, subsidiaries, respective shareholders, beneficial owners of non-publicly traded shareholders or, to Buyer's knowledge, the funding sources for any of the foregoing is identified on any of the "Denied Parties" list as defined below; (2) neither Buyer nor any affiliates, subsidiaries, respective shareholders, beneficial owners of non-publicly traded shareholders is directly or indirectly owned or controlled by the government of any country that is subject to an embargo or economic sanctions by the United States government; (3) neither Buyer nor any affiliates, subsidiaries, respective shareholders, beneficial owners of non-publicly traded shareholders is acting on behalf of a government of any country that is subject to such embargo or economic sanction and (4) neither Buyer nor any of its affiliates, subsidiaries, respective shareholders, beneficial owners of non-publicly traded shareholders is involved in business arrangements or otherwise engaged in transactions with countries subject to economic or trade sanctions imposed by the United States government. Buyer agrees that it will notify seller in writing immediately upon the occurrence of any event which would render the foregoing representations and warranties of this provision incorrect. Notwithstanding anything to the contrary in this agreement, no transfer (including the sale, lease, assignment or transfer in any way of any direct or indirect interest in this agreement or direct or indirect interest in the

Buyer) shall be made to any person or entity on any of the "Denied Parties" lists (as defined below) or to an entity in which a person or entity on any of the "Denied Parties" lists has an interest.

For purposes of this agreement, "Denied Parties" means (i) any person or entity listed in any of the following lists, (ii) any person or entity described in Section 1 of U.S. Executive Order 13224, issued on September 23, 2001, or (iii) any person or entity otherwise identified by government or legal authority as a person with whom Pemberton Fabricators, Inc. is prohibited from transacting business.

"Specially Designated Nationals or Blocked Persons" ("SDNs") maintained by the U.S. Department of the Treasury's Office of Foreign Assets Control (OFAC) "Denied Persons List" maintained by the U.S. Department of Commerce's Bureau of Industry and Security (BIS) "Unverified List" maintained by the U.S. Department of Commerce's Bureau of Industry and Security (BIS) "Entity List" maintained by the U.S. Department of Commerce's Bureau of Industry and Security (BIS) "Debarred List" maintained by the U.S. Department of State's Office of Defense Trade Controls

Links to the above lists can be found at www.bis.doc.gov. In the left: column under "Key Resources" click on "Lists to Check".

P1003 (04/09/04)

A DIVISION OF PEMBERTON FABRICATORS, INC.

Jack Nowicki – General Manager

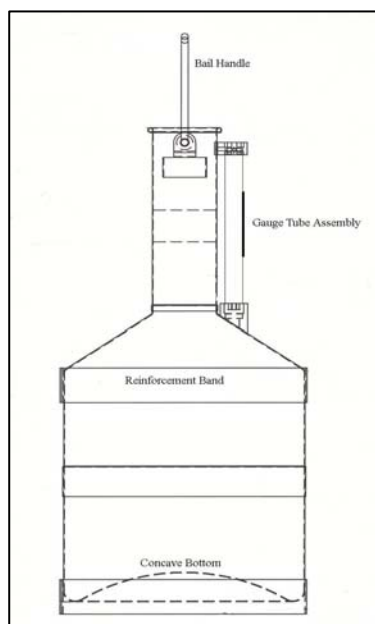
www.seraphinusa.com

8/1/2008

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TEST MEASURES

Seraphin® Series E Test Measure



Standard Features

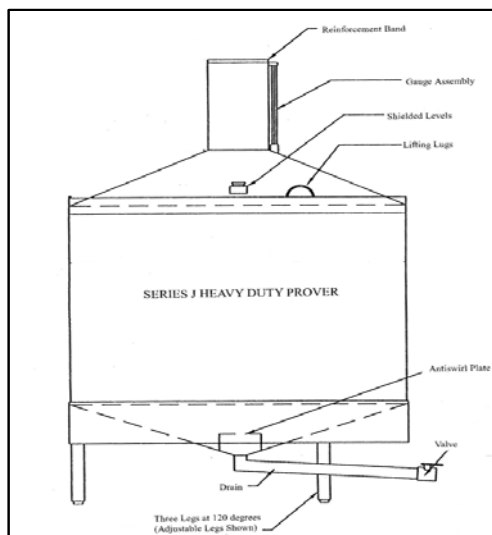
- 1) Built to NIST Handbook 105-3 Standards, OIML R-120 and Manual of Petroleum Measurement Chapter 4
- 2) Manufactured of Series 300 Stainless Steel
- 3) Calibration By Standards Traceable to National Institute of Standards and Technology
- 4) Graduated Neck
- 5) Reinforcing bands to prevent distortion of prover when full with liquid and when being transported
- 6) Hand held by a bail type handle which will hang with its axis vertical when filled with liquid
- 7) Rubber grip on test measure handle
- 8) Concave bottom of adequate thickness to prevent distortion when filled

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EESS0001GM	1	7 lb	8 in	19 in	0.25 cu in
EESS0002GM	2	10 lb	11 in	22 in	0.25 cu in
EESS0003GM	3	11 lb	11 in	25 in	0.25 cu in
EESS0004GM	4	12 lb	11 in	27 in	0.25 cu in
EESS0005GM	5	13 lb	11 in	29 in	0.25 cu in
EESS0005GB	5	12 lb	11 in	26 in	0.5 cu in
EESS0010G	10	18 lb	13 in	32 in	1 cu in
<i>Part #</i>	<i>Liters</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EESS0005LM	5	7 lb	8 in	19 in	5 ml
EESS0010LM	10	11 lb	11 in	23 in	5 ml
EESS0015LM	15	12 lb	11 in	27 in	5 ml
EESS0020LM	20	13 lb	11 in	29 in	5 ml
EESS0020LB	20	12 lb	11 in	26 in	10 ml
EESS0025L	25	15 lb	11 in	28 in	20 ml
EESS0040L	40	18 lb	13 in	33 in	20 ml
<i>Part #</i>	<i>Imperial Gallons</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EESS0001IG	1	8 lb	8 in	19 in	0.25 cu in
EESS0002IG	2	11 lb	11 in	22 in	0.25 cu in
EESS0003IG	3	12 lb	11 in	25 in	0.25 cu in
EESS0004IG	4	13 lb	11 in	27 in	0.25 cu in
EESS0005IG	5	14 lb	11 in	26 in	1 cu in

PROVERS

Seraphin® Series J Heavy Duty Prover



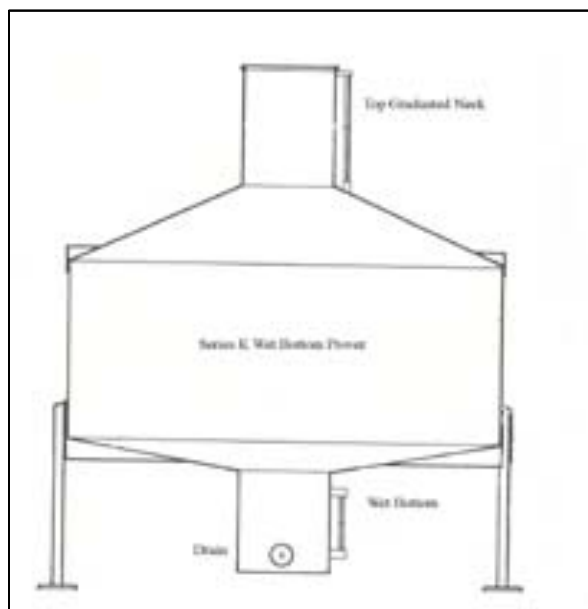
Standard Features

- 1) Built to NIST Handbook 105-3 Standards, OIML R-120 and Manual of Petroleum Measurement Chapter 4
- 2) Manufactured of Series 300 Stainless Steel
- 3) Calibration By Standards Traceable to National Institute of Standards and Technology
- 4) Graduated Neck
- 5) Bottom Drain
- 6) Reinforcing bands to prevent distortion of prover when full with liquid and when being transported
- 7) Two spirit levels are used as level indicators.
- 8) Two Lifting Loops are attached to top band of prover

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>	<i>Resolution</i>	<i>Accuracy</i>
EJSS0010G	10	70 lbs	14 in	44 in	1.5 in	0.5 cu in	0.02%
EJSS0025G	25	130 lbs	24 in	46 in	2 in	1 cu in	0.02%
EJSS0050G	50	180 lbs	30 in	51 in	2 in	2 cu in	0.02%
EJSS0100G	100	275 lbs	42 in	57 in	2 in	5 cu in	0.02%
EJSS0150G	150	315 lbs	42 in	72 in	2 in	5 cu in	0.01%
EJSS0200G	200	380 lbs	48 in	65 in	2 in	10 cu in	0.02%
EJSS0250G	250	410 lbs	48 in	71 in	2 in	10 cu in	0.02%
EJSS0500G	500	1065 lbs	60 in	92 in	4 in	20 cu in	0.02%
EJSS0750G	750	1540 lbs	84 in	92 in	4 in	20 cu in	0.01%
EJSS1000G	1000	1705 lbs	84 in	108 in	4 in	20 cu in	0.01%
EJSS1500G	1500	2085 lbs	90 in	120 in	4 in	25 cu in	0.01%
<i>Part #</i>	<i>Liters</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>	<i>Resolution</i>	<i>Accuracy</i>
EJSS0040L	40	70 lbs	14 in	44 in	1.5 in	10 ml	0.025%
EJSS0100L	100	130 lbs	24 in	47 in	2 in	20 ml	0.02%
EJSS0200L	200	185 lbs	30 in	52 in	2 in	25 ml	0.01%
EJSS0250L	250	195 lbs	30 in	56 in	2 in	50 ml	0.02%
EJSS0500L	500	300 lbs	42 in	60 in	2 in	100 ml	0.02%
EJSS1000L	1000	420 lbs	48 in	75 in	2 in	200 ml	0.02%
EJSS2000L	2000	1410 lbs	60 in	94 in	4 in	250 ml	0.01%
EJSS3000L	3000	1570 lbs	84 in	96 in	4 in	250 ml	0.01%
EJSS3800L	3800	1710 lbs	84 in	108 in	4 in	250 ml	0.01%
EJSS5000L	5000	1910 lbs	84 in	125 in	4 in	250 ml	0.01%

Seraphin® Series K Wet Bottom Prover



Standard Features

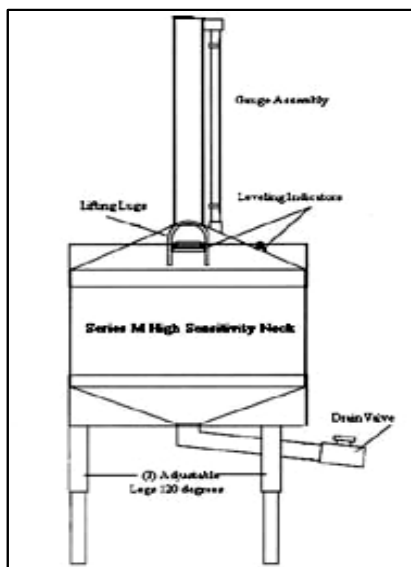
- 1) Built to NIST Handbook 105-3 Standards, OIML R-120 and Manual of Petroleum Measurement Chapter 4
- 2) Manufactured of Series 300 Stainless Steel
- 3) Calibration By Standards Traceable to National Institute of Standards and Technology
- 4) Top Graduated Neck
- 5) Bottom Fill and Drain has (2) openings at the base of the bottom neck facilitate the placing of the prover directly in a pipe line and used as a bottom fill and drain
- 6) Wet Bottom Neck has a bottom-zero mark on scale
- 7) Reinforcing bands to prevent distortion of prover when full with liquid and when being transported
- 8) Two spirit levels are used as level indicators.
- 9) Two Lifting Loops are attached to top band of prover
- 10) Three non-adjustable bolt down legs.

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>	<i>Accuracy</i>
EKSS0500G	500	1105 lb	60 in	97 in	20 cu in	0.02%
EKSS0750G	750	1595 lb	84 in	96 in	20 cu in	0.01%
EKSS1000G	1000	1765 lb	84 in	113 in	20 cu in	0.01%
EKSS1200G	1200	1900 lb	84 in	123 in	20 cu in	0.01%
EKSS1500G	1500	2170 lb	90 in	124 in	25 cu in	0.01%
<i>Part #</i>	<i>Liters</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>	<i>Accuracy</i>
EKSS1500L	1500	1000 lb	60 in	98 in	200 ml	0.02%
EKSS1700L	1700	1050 lb	60 in	104 in	200 ml	0.01%
EKSS2000L	2000	1130 lb	60 in	99 in	250 ml	0.01%
EKSS2500L	2500	1530 lb	84 in	91 in	250 ml	0.01%
EKSS3000L	3000	1625 lb	84 in	100 in	250 ml	0.01%
EKSS3500L	3500	1715 lb	84 in	107 in	250 ml	0.01%
EKSS5000L	5000	2055 lb	90 in	125 in	250 ml	0.01%

Note: Custom capacities available

Seraphin[®] Series M High Sensitivity Neck Prover



Standard Features

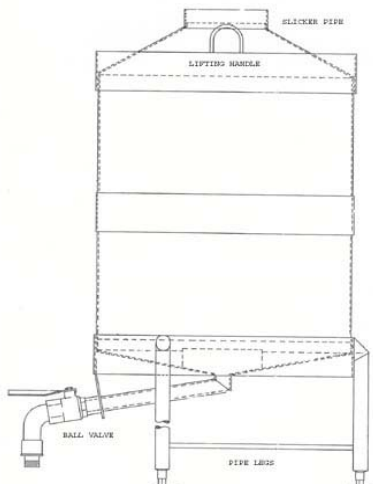
- 1) Built to NIST Handbook 105-3 Standards, OIML R-120 and Manual of Petroleum Measurement Chapter 4
- 2) Manufactured of Series 300 Stainless Steel
- 3) By Certified NVLAP Laboratory and Traceable to National Institute of Standards and Technology
- 4) Graduated High Sensitivity Neck
- 5) Bottom Drain
- 6) Reinforcing bands to prevent distortion of prover when full with liquid and when being transported
- 7) Two spirit levels are used as level indicators.
- 8) Two Lifting Loops are attached to top band of prover
- 9) Three adjustable feet for leveling

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>	<i>Resolution</i>	<i>Accuracy</i>
EMSS0005G	5	65 lb	14 in	36 in	1.5 in	0.25 cu in	0.02%
EMSS0010G	10	70 lb	14 in	44 in	1.5 in	0.25 cu in	0.01%
EMSS0015G	15	95 lb	18 in	47 in	2 in	0.25 cu in	0.01%
EMSS0020G	20	120 lb	24 in	52 in	2 in	0.25 cu in	0.01%
EMSS0025G	25	130 lb	24 in	58 in	2 in	0.25 cu in	0.01%
EMSS0030G	30	135 lb	24 in	53 in	2 in	0.5 cu in	0.01%
EMSS0040G	40	165 lb	30 in	59 in	2 in	0.5 cu in	0.01%
EMSS0050G	50	180 lb	30 in	66 in	2 in	0.5 cu in	0.01%
EMSS0065G	65	195 lb	30 in	64 in	2 in	1 cu in	0.01%
EMSS0100G	100	280 lb	42 in	74 in	2 in	2 cu in	0.01%
<i>Part #</i>	<i>Liters</i>	<i>Weight</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>	<i>Resolution</i>	<i>Accuracy</i>
EMSS0020L	20	60 lb	14 in	40 in	1.5 in	4 ml	0.02%
EMSS0040L	40	70 lb	14 in	44 in	1.5 in	5 ml	0.01%
EMSS0060L	60	95 lb	18 in	48 in	1.5 in	5 ml	0.01%
EMSS0075L	75	120 lb	24 in	50 in	2 in	5 ml	0.01%
EMSS0095L	95	125 lb	24 in	59 in	2 in	5 ml	0.01%
EMSS0100L	100	130 lb	24 in	60 in	2 in	5 ml	0.01%
EMSS0120L	120	135 lb	24 in	56 in	2 in	10 ml	0.01%
EMSS0150L	150	170 lb	30 in	58 in	2 in	10 ml	0.01%
EMSS0190L	190	180 lb	30 in	66 in	2 in	10 ml	0.01%
EMSS0200L	200	185 lb	30 in	69 in	2 in	10 ml	0.01%
EMSS0250L	250	195 lb	30 in	65 in	2 in	20 ml	0.01%
EMSS0400L	400	285 lb	42 in	66 in	2 in	20 ml	0.01%

LAB MEASURES

Seraphin® Series H Slicker Plate



Standard Features

Manufactured of Series 300 Stainless Steel

Calibration By Standards Traceable to National Institute of Standards and Technology

Each unit is equipped with a three piece stainless steel ball valve

Pipe neck leveled so that liquid can be sheared off by sliding a plate across the top of the neck

The "slicker-plate" standard has no scale but has a volume equal to the nominal capacity of the unit.

Pipe legs that can be adjusted for leveling

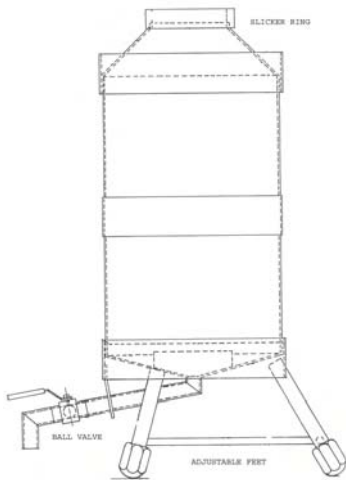
Each unit has a 5" glass circle "slicker plate".

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>
EHSS0001G	1	9 in	13 in	0.5 in
EHSS0003G	3	9 in	20 in	0.5 in
EHSS0005G	5	9 in	28 in	0.5 in
EHSS0010G	10	14 in	26 in	1.5 in
EHSS0025G	25	24 in	20 in	1.5 in
<i>Part #</i>	<i>Liters</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>
EHSS0005L	5	9 in	14 in	0.5 in
EHSS0010L	10	9 in	19 in	0.5 in
EHSS0020L	20	9 in	29 in	1.5 in
EHSS0040L	40	14 in	26 in	1.5 in
EHSS0050L	50	14 in	31 in	1.5 in
EHSS0095L	95	24 in	20 in	1.5 in

LAB MEASURES

Seraphin® Series C Slicker Plate



Standard Features

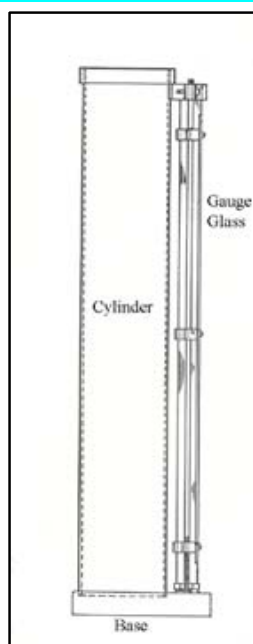
- 1) Manufactured of Series 300 Stainless Steel
- 2) Calibration By Certified NVLAP Laboratory Traceable to National Institute of Standards and Technology
- 3) Each unit is equipped with a three piece stainless steel ball valve
- 4) Machined neck perpendicular to axis so that excess liquid can be sheared off by sliding a plate across the top of the neck
- 5) The "slicker-plate" standard has no scale but has a volume equal to the nominal capacity of the unit.
- 6) Solid flared legs with adjustable feet for leveling.
- 7) Each unit has a 5" glass circle "slicker plate".

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>
ECSS0001G	1	9 in	13 in	0.5 in
ECSS0003G	3	9 in	20 in	0.5 in
ECSS0005G	5	9 in	28 in	0.5 in
ECSS0010G	10	14 in	26 in	1.5 in
ECSS0025G	25	24 in	20 in	1.5 in
<i>Part #</i>	<i>Liters</i>	<i>Diameter</i>	<i>Height</i>	<i>Drain</i>
ECSS0005L	5	9 in	14 in	0.5 in
ECSS0010L	10	9 in	19 in	0.5 in
ECSS0020L	20	9 in	29 in	0.5 in
ECSS0040L	40	14 in	26 in	1.5 in
ECSS0050L	50	14 in	31 in	1.5 in
ECSS0095L	95	24 in	20 in	1.5 in

LAB MEASURES

Seraphin[®] Series F Liquid Graduate



Standard Features

- 1) Manufactured of Series 300 Stainless Steel
- 2) Calibration By Standards Traceable to National Institute of Standards and Technology
- 3) The body of the Cylinder is constructed of Stainless Steel and has an external gauge glass assembly consisting of a borosilicate gauge glass and easy-to-read aluminum scale plates with contrasting colored
- 4) Each cylinder has a heavy stainless steel machined circular base that keeps the cylinder stable.
- 5) Each base has a six inch diameter.
- 6) Scale is continuous along the length of the body giving readings from the starting value to the nominal volume.

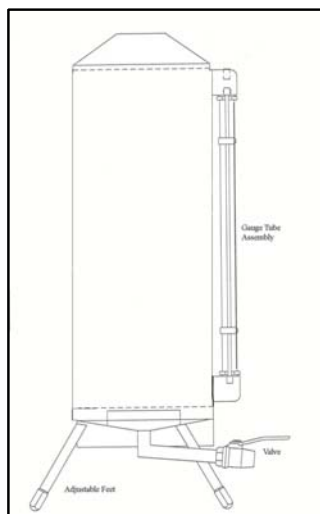
Nominal Specifications

<i>Part #</i>	<i>Quart</i>	<i>Starting Value</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EFSS0001Q	1	10 cu in	2.25"	20"	0.25 cu in
EFSS0002Q	2	20 cu in	3"	22"	0.5 cu in
<i>Part #</i>	<i>Gallons</i>	<i>Starting Value</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EFSS0001G	1	30 cu in	4"	22"	1 cu in
EFSS0002G	2	30 cu in	4"	42"	1 cu in
<i>Part #</i>	<i>Liters</i>	<i>Starting Value</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EFSS0001L	1	150 ml	2.25"	21"	5 ml
EFSS0002L	2	300 ml	3"	23"	10 ml
EFSS0004L	4	450 ml	4"	23"	20 ml
EFSS0008L	8	450 ml	4"	45"	20 ml

Note: The Series F Liquid Graduate is not built to NIST 105-3. Due to the large diameter required for continuous scale readings the acceptable tolerance exceeds 0.02% and therefore is not acceptable for legal metrology.

LAB MEASURES

Seraphin® Series G Liquid Graduate



Standard Features

- 1) Manufactured of Series 300 Stainless Steel
- 2) Calibration By Standards Traceable to National Institute of Standards and Technology
- 3) Center Bottom Drain with ball valve
- 4) Reinforcing bands to prevent distortion of prover when full with liquid and when being transported
- 5) Scale is continuous along the length of the body giving readings for the top 80% of the volume
- 6) Three adjustable feet for leveling
- 7) Provides multiple accurate reading along scale

Nominal Specifications

<i>Part #</i>	<i>Gallons</i>	<i>Starting Value</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EGSS0005G	5	925 cu in	8"	36"	5 cu in
EGSS0010G	10	1850 cu in	11"	42"	10 cu in
EGSS0015G	15	1850 cu in	11"	55"	10 cu in
EGSS0025G	25	4620 cu in	14"	58"	20 cu in
EGSS0050G	50	9240 cu in	18"	67"	20 cu in
<i>Part #</i>	<i>Liters</i>	<i>Starting Value</i>	<i>Diameter</i>	<i>Height</i>	<i>Resolution</i>
EGSS0020L	20	4 liters	8"	36"	100 ml
EGSS0040L	40	8 liters	11"	42"	200 ml
EGSS0060L	60	8 liters	11"	56"	200 ml
EGSS0100L	100	20 liters	14"	59"	500 ml
EGSS0200L	200	40 liters	18"	68"	500 ml

NOTE: *The Series G Liquid Graduate is not built to NIST 105-3. Due to the large diameter required for continuous scale readings the acceptable tolerance exceeds 0.02% and therefore is not acceptable for legal metrology.*